

ABSTRACT OF THE DISCLOSURE

A disk array system includes storage devices, a storage device control unit, a connection unit being connected with the storage device control unit, channel control units, a shared memory, and a cache memory. Each channel control unit includes a first processor of converting file data, received through a local area network outside of the disk array system to which the channel control units belongs, into block data and requesting storage of the converted data in the plurality of storage devices and a second processor of transferring the block data to the storage devices through the connection unit and the storage device control unit in response to a request given from the first processor and is connected with the connection unit and the local area network.